

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10239498 A**(43) Date of publication of application: **11.09.98**

(51) Int. Cl.

**G21K 4/00  
C09K 11/61**(21) Application number: **09044362**(22) Date of filing: **27.02.97**(71) Applicant: **TOSHIBA CORP**

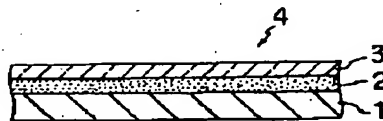
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**(54) RADIOSENSITIZING SHEET**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To improve the granularity of a photographic system without losing the higher sensitivity of a radiosensitizing sheet by a rare earth activated alkali metal fluoride halide phosphor.

**SOLUTION:** A phosphor layer 2 consisting of a rare earth activated alkali earth metal fluoride halide phosphor is provided on a support body 1. As the phosphor particle constituting the phosphor layer 2, a circular rare earth activated alkali earth metal fluoride halide phosphor particle subjected to high-temperature thermal plasma treatment is used. A protecting film 3 is provided on the phosphor layer 2, whereby a radiation intensifying screen 4 is constituted.



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AN: PAT 1998-546028  
TI: Radiation sensitising paper consisting of lamination of substrate, fluorescent layer and protecting layer  
PN: JP10239498-A  
PD: 11.09.1998  
AB: The radiation sensitizing paper consists of lamination of a substrate, a fluorescent layer, a protecting layer.; USE - The radiation sensitizing paper is used for taking X-ray image. ADVANTAGE - The granulating ability is improved without incurring of spoiling sensitivity of a sensitizing paper, caused by rare earth activated alkaline earth metal fluorohalogenated fluorescent matter.  
PA: (TOKE ) TOSHIBA KK;  
FA: JP10239498-A 11.09.1998;  
CO: JP;  
IC: C09K-011/61; G21K-004/00;  
MC: K08-A; S03-E06B; S03-E06H5;  
DC: K08; S03;  
FN: 1998546028.gif  
PR: JP0044362 27.02.1997;  
FP: 11.09.1998  
UP: 16.11.1998

